

The listing of claims will replace all prior versions, and listings, of claims in the application:
Listing of Claims:

1. (Currently Amended) Aluminum core alloy strip or sheet containing at least 80% by weight of aluminum, 0.01 to 0.5% of yttrium, and the following elements included in the following percentages by weight:

Si < 1.0; Fe < 1.0; Cu < 1.0; Mn < 2.0; Mg < 3.0; Zn < 6.0; Ti < 0.3; Zr < 0.3;
Cr < 0.3; Hf < 0.6; V < 0.3; Ni < 2.0; Co < 2.0; In < 0.3; Sn < 0.3; other
elements < 0.05 each and 0.15 total,

the strip or sheet being coated on at least one face with a brazing aluminum alloy;

wherein the brazing alloy contains at least one element for modifying the surface tension of the alloy, the element selected from the group consisting of Ag, Be, Bi, Ce, La, Pb, Pd, Sb, and mischmetal;

wherein the aluminum strip or sheet is suitable for fluxless brazing under a controlled atmosphere.

2. (Original) Strip or sheet according to claim 1, characterized in that the brazing alloy is an alloy containing 4 to 15% by weight of silicon.

3 (Canceled)

4. (Previously Presented) Strip or sheet according to claim 1, characterized in that the brazing alloy coating is a clad layer obtained by co-rolling with the basic aluminum alloy.

5. (Previously Presented) Strip or sheet according to claim 1, characterized in that the brazing alloy coating includes one or more particles.

6. (Currently Amended) Brazed part made using fluxless brazing under a controlled atmosphere and using an aluminum alloy strip or sheet containing 0.01 to 0.5% of yttrium, and the following elements included in the following percentages by weight:

Si < 1.0; Fe < 1.0; Cu < 1.0; Mn < 2.0; Mg < 3.0; Zn < 6.0; Ti < 0.3; Zr < 0.3;
Cr < 0.3; Hf < 0.6; V < 0.3; Ni < 2.0; Co < 2.0; In < 0.3; Sn < 0.3; other
elements < 0.05 each and 0.15 total;

the strip or sheet being coated on at least one face with a brazing aluminum alloy

wherein the brazing alloy contains at least one element for modifying the surface tension of the alloy, the element selected from the group consisting of Ag, Be, Bi, Ce, La, Pb, Pd, Sb, and mischmetal.

7. (Canceled)

8. (Previously Presented) Brazed part according to claim 6, characterized in that the strip or sheet used is coated with brazing alloy particles.

9. (Previously Presented) Strip or sheet according to claim 5, wherein the particles comprise a resin layer.

10. (Previously Presented) Brazed part according to claim 8, wherein the brazing alloy particles are coated by a polymer resin.

11. (Previously Presented) An aluminum alloy component for the assembly of parts by fluxless brazing comprising at least about 80% by weight of aluminum and 0.01 to 0.5% of yttrium, and the following elements included in the following percentages by weight:

Si < 1.0; Fe < 1.0; Cu < 1.0; Mn < 2.0; Mg < 3.0; Zn < 6.0; Ti < 0.3; Zr < 0.3; Cr < 0.3; Hf < 0.6; V < 0.3; Ni < 2.0; Co < 2.0; In < 0.3; Sn < 0.3; other elements < 0.05 each and 0.15 total

wherein at least one face of the aluminum alloy component is coated with a brazing alloy;

wherein the brazing alloy contains at least one element for modifying the surface tension of the alloy, the element selected from the group consisting of Ag, Be, Bi, Ce, La, Pb, Pd, Sb, and mischmetal.

12. (Previously Presented) The aluminum alloy component according to claim 11, wherein the brazing alloy is an alloy containing 4 to 15% by weight of silicon.

13. (Canceled)

14. (Previously Presented) The aluminum alloy component according to claim 11, wherein the brazing alloy coating is a clad layer obtained by co-rolling with the basic

aluminum alloy.

15. (Previously Presented) The aluminum alloy component according to claim 11, characterized in that the brazing alloy coating includes one or more particles.

16. (Previously Presented) The aluminum alloy component according to claim 15, wherein the particles comprise a resin layer coating the aluminum alloy component.

17. (Canceled)

18. (Previously Presented) Strip or sheet according to claim 1, further comprising 0.05 to 0.5% bismuth.

19. (Previously Presented) Brazed part according to claim 6, further containing 0.05 to 0.5% bismuth.

20. (Previously Presented) The aluminum alloy component according to claim 11, further comprising 0.05 to 0.5% bismuth.